# MoSCoW viewer application

Jvr – 4th of July 2014

Version 2: Version 1 + comments Richard

**Must haves**

* The viewer must have a big screen to visualize the map.
  + The map must be centered on Amersfoort and zoomed out to be able to see the whole of the Netherlands visualized by default
* The viewer must have a zoom option to zoom in and out on the map
* The viewer must have a “center’’ option
* The viewer must have a year slider to manually select a different year. The selected year should be visualized in the info box (see below).
* A select data option must be present
  + When option selected it must present all available variables to the user, the user must select one variable to visualize.
* A legend must be present and explain the color scheme used for plotting the map
  + A categorical legendary (multiple colors) must be supported
  + A linear/continuous legendary (one color from light to dark) must be supported
* An info screen must be present
  + In case of selecting a municipality or by a mouse over at least the following info must be presented:
    - Municipality name
    - Year
    - Characteristic (variable name / label)
    - Source
* A download option must be present to download a copy of the map at hand.
* The viewer must present a clear copyright statement: GPL-3.

**Should haves**

* The viewer should have a search option, to search for a certain municipality
* The viewer should have a upload function where the user can upload an own dataset
  + The data should be validated after upload, before plotted on the map
* The viewer could have an option to compare datasets, so a user can calculate a correlation
  + The correlation should be plotted on a new map

**Could have**

* The year slider could have a play option to make an animation of the years
* The viewer could have a share option
* The viewer could have a print option

**Won’t have**